

**Report of
Endangered, Threatened, and Special Concern
Plants, Animals, and Natural Communities
for Russell County, Kentucky**

**Kentucky State Nature Preserves
Commission
801 Schenkel Lane
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Kentucky State Nature Preserves Commission

Key for County List Report

Within a county, elements are arranged first by taxonomic complexity (plants first, natural communities last), and second by scientific name. A key to status, ranks, and count data fields follows.

STATUS

KSNPC: Kentucky State Nature Preserves Commission status:

N or blank = none E = endangered T = threatened S = special concern H = historic X = extirpated

USESA: U.S. Fish and Wildlife Service status:

blank = none C = candidate LT = listed as threatened LE = listed as endangered

SOMC = Species of Management Concern

RANKS

GRANK: Estimate of element abundance on a global scale:

G1 = Critically imperiled

GU = Unrankable

G2 = Imperiled

G#? = Inexact rank (e.g. G2?)

G3 = Vulnerable

G#Q = Questionable taxonomy

G4 = Apparently secure

G#T# = Intraspecific taxa (Subspecies and variety abundances are coded with a 'T' suffix; the 'G' portion of the rank then refers to the entire species)

G5 = Secure

GH = Historic, possibly extinct

GNR = Unranked

GX = Presumed extinct

GNA = Not applicable

SRANK: Estimate of element abundance in Kentucky:

S1 = Critically imperiled

SU = Unrankable

Migratory species may have separate ranks for different population segments (e.g. S1B, S2N, S4M):

S2 = Imperiled

S#? = Inexact rank (e.g. G2?)

S3 = Vulnerable

S#Q = Questionable taxonomy

S#B = Rank of breeding population

S4 = Apparently secure

S#T# = Intraspecific taxa

S#N = Rank of non-breeding population

S5 = Secure

SNR = Unranked

S#M = Rank of transient population

SH = Historic, possibly extirpated

SNA = Not applicable

SX = Presumed extirpated

COUNT DATA FIELDS

OF OCCURRENCES: Number of occurrences of a particular element from a county. Column headings are as follows:

E - currently reported from the county

H - reported from the county but not seen for at least 20 years

F - reported from county & cannot be relocated but for which further inventory is needed

X - known to have extirpated from the county

U - reported from a county but cannot be mapped to a quadrangle or exact location.

The data from which the county report is generated is continually updated. The date on which the report was created is in the report footer. Contact KSNPC for a current copy of the report.

Please note that the quantity and quality of data collected by the Kentucky Natural Heritage Program are dependent on the research and observations of many individuals and organizations. In most cases, this information is not the result of comprehensive or site-specific field surveys; many natural areas in Kentucky have never been thoroughly surveyed, and new species of plants and animals are still being discovered. For these reasons, the Kentucky Natural Heritage Program cannot provide a definitive statement on the presence, absence, or condition of biological elements in any part of Kentucky. Heritage reports summarize the existing information known to the Kentucky Natural Heritage Program at the time of the request regarding the biological elements or locations in question. They should never be regarded as final statements on the elements or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments.

KSNPC appreciates the submission of any endangered species data for Kentucky from field observations. For information on data reporting or other data services provided by KSNPC, please contact the Data Manager at:

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County	Taxonomic Group	Scientific name	Common name	Statuses	Ranks	# of Occurrences				
						E	H	F	X	U
Russell	Vascular Plants	<i>Aureolaria patula</i>	Spreading False Foxglove	S /	G3 / S3	3	0	0	0	0
Russell	Vascular Plants	<i>Drosera intermedia</i>	Spoon-leaved Sundew	E /	G5 / S1	1	0	0	0	0
Russell	Vascular Plants	<i>Euphorbia mercurialina</i>	Mercury Spurge	T /	G4 / S1S2	0	1	0	0	0
Russell	Vascular Plants	<i>Hypericum crux-andreae</i>	St. Peter's-wort	T /	G5 / S2S3	1	0	0	0	0
Russell	Vascular Plants	<i>Juncus articulatus</i>	Jointed Rush	S /	G5 / S2S3	1	0	0	0	0
Russell	Vascular Plants	<i>Lespedeza capitata</i>	Round-head Bush-clover	S /	G5 / S3	2	0	0	0	0
Russell	Vascular Plants	<i>Muhlenbergia cuspidata</i>	Plains Muhly	T /	G4 / S2	1	0	0	0	0
Russell	Vascular Plants	<i>Paxistima canbyi</i>	Canby's Mountain-lover	T / SOMC	G2 / S2	1	0	0	0	0
Russell	Vascular Plants	<i>Polygala cruciata</i>	Crossleaf Milkwort	E /	G5 / S1	2	0	0	0	0
Russell	Vascular Plants	<i>Thuja occidentalis</i>	Northern White Cedar	T /	G5 / S2S3	2	4	0	0	0
Russell	Vascular Plants	<i>Trillium pusillum</i>	Least Trillium	E / SOMC	G3 / S1	1	0	0	0	0
Russell	Vascular Plants	<i>Ulmus serotina</i>	September Elm	S /	G4 / S3	1	0	0	0	0
Russell	Aquatic Snails	<i>Pleurocera curta</i>	Shortspire Hornsnail	S / SOMC	G2 / S2	0	0	0	1	0
Russell	Freshwater Mussels	<i>Alasmodonta marginata</i>	Elktoe	T / SOMC	G4 / S2	0	0	0	4	0
Russell	Freshwater Mussels	<i>Cumberlandia monodonta</i>	Spectaclecase	E / C	G3 / S1	0	0	0	4	0
Russell	Freshwater Mussels	<i>Cyprogenia stegaria</i>	Fanshell	E / LE	G1Q / S1	0	1	0	6	0
Russell	Freshwater Mussels	<i>Dromus dromas</i>	Dromedary Pearlymussel	X / LE	G1 / SX	0	0	0	9	0
Russell	Freshwater Mussels	<i>Epioblasma brevidens</i>	Cumberlandian Combshell	E / LE	G1 / S1	0	0	0	6	0
Russell	Freshwater Mussels	<i>Epioblasma capsaeformis</i>	Oyster Mussel	E / LE	G1 / S1	0	0	0	4	0
Russell	Freshwater Mussels	<i>Epioblasma florentina walkeri</i>	Tan Riffleshell	E / LE	G1T1 / S1	0	0	0	1	0
Russell	Freshwater Mussels	<i>Epioblasma triquetra</i>	Snuffbox	E / SOMC	G3 / S1	0	0	0	7	0
Russell	Freshwater Mussels	<i>Fusconaia subrotunda</i>	Longsolid	S /	G3 / S3	0	0	0	5	0
Russell	Freshwater Mussels	<i>Hemistena lata</i>	Cracking Pearlymussel	X / LE	G1 / SX	0	0	0	3	0
Russell	Freshwater Mussels	<i>Lampsilis abrupta</i>	Pink Mucket	E / LE	G2 / S1	0	0	0	7	0
Russell	Freshwater Mussels	<i>Lampsilis ovata</i>	Pocketbook	E /	G5 / S1	0	0	0	8	0
Russell	Freshwater Mussels	<i>Leptodea leptodon</i>	Scaleshell	X / LE	G1G2 / SX	0	0	0	2	0
Russell	Freshwater Mussels	<i>Obovaria retusa</i>	Ring Pink	E / LE	G1 / S1	0	0	0	3	0

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						E	H	F	X	U
Russell	Freshwater Mussels	<i>Plethobasus cooperianus</i>	Orangefoot Pimpleback	E / LE	G1 / S1	0	1	0	6	0
Russell	Freshwater Mussels	<i>Plethobasus cyphyus</i>	Sheepnose	E / C	G3 / S1	0	0	0	4	0
Russell	Freshwater Mussels	<i>Pleurobema oviforme</i>	Tennessee Clubshell	E / SOMC	G2G3 / S1	0	0	0	1	0
Russell	Freshwater Mussels	<i>Pleurobema plenum</i>	Rough Pigtoe	E / LE	G1 / S1	0	0	0	6	0
Russell	Freshwater Mussels	<i>Pleurobema rubrum</i>	Pyramid Pigtoe	E / SOMC	G2G3 / S1	0	0	0	5	0
Russell	Freshwater Mussels	<i>Ptychobranhus subtentum</i>	Fluted Kidneyshell	E / C	G2 / S1	0	0	0	1	0
Russell	Freshwater Mussels	<i>Quadrula cylindrica cylindrica</i>	Rabbitsfoot	T / SOMC	G3G4T3 / S2	0	0	0	5	0
Russell	Freshwater Mussels	<i>Toxolasma lividus</i>	Purple Lilliput	E / SOMC	G2 / S1	0	0	0	2	0
Russell	Freshwater Mussels	<i>Villosa lienosa</i>	Little Spectaclecase	S /	G5 / S3S4	0	0	0	1	0
Russell	Freshwater Mussels	<i>Villosa trabalis</i>	Cumberland Bean	E / LE	G1 / S1	0	0	0	6	0
Russell	Insects	<i>Stylurus notatus</i>	Elusive Clubtail	E / SOMC	G3 / S1	0	0	0	0	1
Russell	Fishes	<i>Erimystax insignis</i>	Blotched Chub	E / SOMC	G4 / S1	0	1	0	0	0
Russell	Breeding Birds	<i>Accipiter striatus</i>	Sharp-shinned Hawk	S /	G5 / S3B,S4N	1	0	0	0	0
Russell	Breeding Birds	<i>Picoides borealis</i>	Red-cockaded Woodpecker	X / LE	G3 / SX	0	0	0	1	0
Russell	Communities	<i>Wet prairie</i>		/	GNR / S1	1	0	0	0	0
Russell County Total:						18	8	0	108	1